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THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEE FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975.

*t 3*  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Hisao FURUKAWA et al.

: Attn: Application Branch

Serial No. 09/657,457

: Docket No. 2000\_1216

Filed September 7, 2000

INTEGRATED INFORMATION  
COMMUNICATION SYSTEM

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of (X) the references listed on the attached Form PTO-1449 and/or ( ) the additional information identified below in paragraph 4. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for each reference previously cited by or submitted to the Patent Office in prior parent application Serial No. .

1. This Information Disclosure Statement is submitted:
  - a. (X) within 3 months of the filing date of the above-identified application, or ( ) within 3 months of entry into National stage prosecution of an International application, or (X) before the mailing date of the first Office Action on the merits, and thus:
    - (X) no certification and/or fee is required.
  - b. ( ) after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus:
    - ( ) the certification of paragraph 2 below is provided,  
*or*
    - ( ) a fee of \$240.00 is enclosed.

- c.
  - after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus:
    - the certification of paragraph 2 below is provided,  
and
    - the Petition of paragraph 3 below is provided and \$130.00 fee therefor is enclosed.
- 2. It is hereby certified
  - that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
  - that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.
- 3.  Petition under 37 CFR 1.97 for consideration of this Information Disclosure Statement is hereby made.
- 4.  Consideration of the following additional information (including any co-pending or abandoned U.S. application, prior uses and/or sales, etc.) is requested:
- 5.  For each non-English language reference listed on the attached Form PTO-1449:
  - reference is made to a partial English language translation or abstract submitted herewith, and/or
  - reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or
  - reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or

- 0 reference is made to the concise explanation contained in the specification of the present application at page(s), and/or
- 0 reference is made to the concise explanation set forth below:

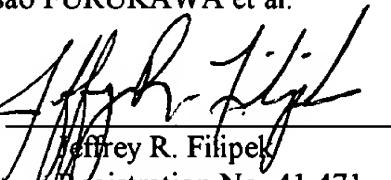
6. 0 Applicant also offers the following comments for the Examiner's consideration:

7. 0 Also enclosed is a copy of the European Search Report citing these references.

Respectfully submitted,

Hisao FURUKAWA et al.

By



Jeffrey R. Filipek  
Registration No. 41,471  
Agent for Applicants

JRF/fs  
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October 17, 2000

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: October 17, 2000

ATTY DOCKET NO.  
2000\_1216

SERIAL NO.

O I P 09/657,457

APPLICANT

Hisao FURUKAWA et al.

FILING DATE

September 7, 2000

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						OCT 17 2000
	AB						OCT 17 2000
	AC						OCT 17 2000
	AD						OCT 17 2000
	AE						OCT 17 2000
	AF						OCT 17 2000
	AG						OCT 17 2000
	AH						OCT 17 2000
	AI						OCT 17 2000

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	AJ							
	AK							

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AL	Junichi Murayama, "A Proposal of a Wide Area Router System", The Institute of Electronics, Information and Communication Engineers, Technical Report of IEICE IN95-66 (1995-10), pages 1-9.
	AM	"Countdown to the New Millennium", Featuring a Mini-Theme on: Personal Communications Services (PCS), IEEE Global Telecommunications Conference, Globecom '91, Phoenix, Arizona. December 2-5, 1991, pages i-xxxv.
	AN	Michal Szwarc, "Virtual Private Data Network Service in the Wide Area Networks", NYNEX Science & Technology, Globecom '91, pages 1033-1037.
	AO	C. Rigney et al., "Remote Authentication Dial In User Service (RADIUS)", April 17, 1997, pages 1-8.

EXAMINER

DATE CONSIDERED